

Title (en)

ILLUMINATION SYSTEM AND METHOD FOR ENHANCING GROWTH OF AQUATIC ANIMALS

Title (de)

BELEUCHTUNGSSYSTEM UND VERFAHREN ZUR VERBESSERUNG DES WACHSTUMS VON WASSERTIEREN

Title (fr)

SYSTÈME D'ÉCLAIRAGE ET PROCÉDÉ POUR FAVORISER LA CROISSANCE D'ANIMAUX AQUATIQUES

Publication

EP 2934104 A1 20151028 (EN)

Application

EP 13815163 A 20131204

Priority

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- IB 2013060618 W 20131204

Abstract (en)

[origin: WO2014097037A1] An illumination system and method configured for mitigating a growth dip and as a consequence enhancing the growth of aquatic animals in a volume of water is disclosed. The illumination system comprises at least one light source (110) comprising at least one light emitting diode arranged to emit light to the volume of water and at least one light driver (120) arranged to drive the at least one light source. The illumination system also comprises a controller (140) that is adapted to provide control signals to the light driver to increase a light intensity level of the light emitted from the at least one light source from a first light intensity level (I1) to a second light intensity level (I2) over a time period (T) of at least one day to two weeks, preferably at least two days to two weeks.

IPC 8 full level

A01K 61/00 (2006.01); **A01K 63/06** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)

A01K 61/00 (2013.01 - EP); **A01K 61/10** (2016.12 - US); **A01K 63/06** (2013.01 - EP US); **F21V 23/003** (2013.01 - EP US); **F21V 31/00** (2013.01 - US); **H05B 45/10** (2020.01 - EP US); **H05B 47/16** (2020.01 - US); **F21W 2131/308** (2013.01 - US); **F21Y 2115/10** (2016.07 - EP US); **Y02A 40/81** (2017.12 - EP); **Y02B 20/40** (2013.01 - EP)

Citation (search report)

See references of WO 2014097037A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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